# AARTN ASSOCIATES

*The Modern Construction Solutions*

#1059, MIG-A Sector, Opp. Railwheel Factory,
Yelahanka New Town, Bangalore - 64
Ph : 8048505503 | Email : aartnassociates@gmail.com


## Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5) | Date: 29-04-2021

**Name of Work : Comprehensive Development works in ward No. 03 Attur**

| | |
|---|---|
| Client | Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru. |
| Contractor | B.B Umesh (S.M.L.P Asphats) |
| Customer Reference | EE(PROJECT)/YNK ZONE/WO/173/2019-20 |
| Source of Sample | Sample supplied by Agency |
| Sample Condition | Satisfactory |
| Date of Reciept | 22-04-2021 |
| Sample Type | C.C Road Top Layer |
| Sample Type/Size | 150x150x150 mm |
| Sample Grade/ Age | M30/ 7 Days Compressive Strength |
| Date of Test | 29-04-2021 |
| Location | |

| Sl No. | Identification Mark | Grade of Concrete | Date of Casting | Date of Trsting | Dimension of Specification | Cross sectional area | Weight of the sample | Failure Load | Compressive Strength | Average Compressive Strength |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | Sq.mm | kg | KN | $N/mm^2$ | $N/mm^2$ |
| 1 | C.C Road | M30 | 22-04-2021 | 29-04-2021 | 150x150x150 | 22500 | 8.15 | 462 | 20.5 | 20.64 |
| 2 | C.C Road | M30 | 22-04-2021 | 29-04-2021 | 150x150x150 | 22500 | 8.30 | 472 | 21.0 | |
| 3 | C.C Road | M30 | 22-04-2021 | 29-04-2021 | 150x150x150 | 22500 | 8.36 | 459 | 20.4 | |

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## Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5)

Date: 29-04-2021

## Name of Work : Comprehensive Development works in ward No. 03 Attur

| | |
|---|---|
| Client | Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru. |
| Contractor | B.B Umesh (S.M.L.P Asphats) |
| Customer Reference | EE(PROJECT)/YNK ZONE/WO/173/2019-20 |
| Source of Sample | Sample supplied by Agency |
| Sample Condition | Satisfactory |
| Date of Reciept | 22-04-2021 |
| Sample Type | C.C Road Top Layer |
| Sample Type/Size | 150x150x150 mm |
| Sample Grade/ Age | M30/ 7 Days Compressive Strength |
| Date of Test | 29-04-2021 |
| Location | |

| Sl No. | Identification Mark | Grade of Concrete | Date of Casting | Date of Trsting | Dimension of Specification | Cross sectional area | Weight of the sample | Failure Load | Compressive Strength | Average Compressive Strength |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | Sq.mm | kg | KN | N/mm² | N/mm² |
| 1 | C.C Road | M30 | 22-04-2021 | 29-04-2021 | 150x150x150 | 22500 | 8.52 | 451 | 20.0 | 20.05 |
| 2 | C.C Road | M30 | 22-04-2021 | 29-04-2021 | 150x150x150 | 22500 | 8.3 | 449 | 19.9 | |
| 3 | C.C Road | M30 | 22-04-2021 | 29-04-2021 | 150x150x150 | 22500 | 8.64 | 454 | 20.2 | |

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## Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5)

Date: 29-04-2021

## Name of Work : Comprehensive Development works in ward No. 03 Attur

| | |
|---|---|
| Client | Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru. |
| Contractor | R.B Umesh (S.M.L.P Asphate) |
| Customer Reference | EE(PROJECT)/YNK ZONE/WO/173/2019-20 |
| Source of Sample | Sample supplied by Agency |
| Sample Condition | Satisfactory |
| Date of Reciept | 22-04-2021 |
| Sample Type | C.C Road Top Layer |
| Sample Type/Size | 150x150x150 mm |
| Sample Grade/ Age | M30/ 7 Days Compressive Strength |
| Date of Test | 29-04-2021 |
| Location | |

| Sl No. | Identification Mark | Grade of Concrete | Date of Casting | Date of Trsting | Dimension of Specification | Cross sectional area | Weight of the sample | Failure Load | Compressive Strength | Average Compressive Strength |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | Sq.mm | kg | KN | $N/mm^2$ | $N/mm^2$ |
| 1 | C.C Road | M30 | 22-04-2021 | 29-04-2021 | 150x150x150 | 22500 | 8.56 | 458 | 20.4 | 20.36 |
| 2 | C.C Road | M30 | 22-04-2021 | 29-04-2021 | 150x150x150 | 22500 | 8.34 | 456 | 20.3 | |
| 3 | C.C Road | M30 | 22-04-2021 | 29-04-2021 | 150x150x150 | 22500 | 8.68 | 461 | 20.5 | |

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## Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5)

Date: 16-01-2021

**Name of Work : Comprehensive Development works in ward No. 03 Attur**

| | |
|---|---|
| Client | Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru. |
| Contractor | B.B Umesh (S.M.L.P Asphats) |
| Customer Reference | EE(PROJECT)/YNK ZONE/WO/173/2019-20 |
| Source of Sample | Sample supplied by Agency |
| Sample Condition | Satisfactory |
| Date of Reciept | 19-12-2020 |
| Sample Type | C.C Road Top Layer |
| Sample Type/Size | 150x150x150 mm |
| Sample Grade/ Age | M30/ 28 Days Compressive Strength |
| Date of Test | 16-01-2021 |
| Location | |

| Sl No. | Identification Mark | Grade of Concrete | Date of Casting | Date of Trsting | Dimension of Specification | Cross sectional area | Weight of the sample | Failure Load | Compressive Strength | Average Compressive Strength |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | Sq.mm | kg | KN | $N/mm^2$ | $N/mm^2$ |
| 1 | C.C Road | M30 | 19-12-2020 | 16-01-2021 | 150x150x150 | 22500 | 8.35 | 695 | 30.9 | 31.09 |
| 2 | C.C Road | M30 | 19-12-2020 | 16-01-2021 | 150x150x150 | 22500 | 8.50 | 705 | 31.3 | |
| 3 | C.C Road | M30 | 19-12-2020 | 16-01-2021 | 150x150x150 | 22500 | 8.56 | 698 | 31.0 | |

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## Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5)

Date: 16-01-2021

**Name of Work : Comprehensive Development works in ward No. 03 Attur**

| | |
|---|---|
| Client | Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru. |
| Contractor | B.B Umesh (S.M.L.P Asphats) |
| Customer Reference | EE(PROJECT)/YNK ZONE/WO/173/2019-20 |
| Source of Sample | Sample supplied by Agency |
| Sample Condition | Satisfactory |
| Date of Reciept | 19-12-2020 |
| Sample Type | C.C Road Top Layer |
| Sample Type/Size | 150x150x150 mm |
| Sample Grade/ Age | M30/ 28 Days Compressive Strength |
| Date of Test | 16-01-2021 |
| Location | |

| Sl No. | Identification Mark | Grade of Concrete | Date of Casting | Date of Trsting | Dimension of Specification | Cross sectional area | Weight of the sample | Failure Load | Compressive Strength | Average Compressive Strength |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | Sq.mm | kg | KN | $N/mm^2$ | $N/mm^2$ |
| 1 | C.C Road | M30 | 19-12-2020 | 16-01-2021 | 150x150x150 | 22500 | 8.92 | 692 | 30.8 | 30.88 |
| 2 | C.C Road | M30 | 19-12-2020 | 16-01-2021 | 150x150x150 | 22500 | 9.07 | 703 | 31.2 | |
| 3 | C.C Road | M30 | 19-12-2020 | 16-01-2021 | 150x150x150 | 22500 | 9.13 | 689 | 30.6 | |

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## Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5)

Date: 16-01-2021

**Name of Work : Comprehensive Development works in ward No. 03 Attur**

| | |
|---|---|
| Client | Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru. |
| Contractor | B.B Umesh (S.M.L.P Asphats) |
| Customer Reference | EE(PROJECT)/YNK ZONE/WO/173/2019-20 |
| Source of Sample | Sample supplied by Agency |
| Sample Condition | Satisfactory |
| Date of Reciept | 19-12-2020 |
| Sample Type | C.C Road Top Layer |
| Sample Type/Size | 150x150x150 mm |
| Sample Grade/ Age | M30/ 28 Days Compressive Strength |
| Date of Test | 16-01-2021 |
| Location | |

| Sl No. | Identification Mark | Grade of Concrete | Date of Casting | Date of Treting | Dimension of Specification | Cross sectional area | Weight of the sample | Failure Load | Compressive Strength | Average Compressive Strength |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | Sq.mm | kg | KN | $N/mm^2$ | $N/mm^2$ |
| 1 | C.C Road | M30 | 19-12-2020 | 16-01-2021 | 150x150x150 | 22500 | 8.72 | 682 | 30.3 | 30.56 |
| 2 | C.C Road | M30 | 19-12-2020 | 16-01-2021 | 150x150x150 | 22500 | 8.87 | 695 | 30.9 | |
| 3 | C.C Road | M30 | 19-12-2020 | 16-01-2021 | 150x150x150 | 22500 | 8.62 | 686 | 30.5 | |

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## Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.8)

Date: 18-01-2021

**Name of Work : Comprehensive Development works in ward No. 03 Attur**

| | |
|---|---|
| Client | Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru. |
| Contractor | B.B Umesh (S.M.L.P Asphalts) |
| Customer Reference | EE(PROJECT)/YNK ZONE/WO/173/2019-20 |
| Source of Sample | Sample supplied by Agency |
| Sample Condition | Satisfactory |
| Date of Reciept | 19-12-2020 |
| Sample Type | C.C Road Top Layer |
| Sample Type/Size | 150x150x150 mm |
| Sample Grade/ Age | M30/ 28 Days Compressive Strength |
| Date of Test | 16-01-2021 |
| Location | |

| Sl No. | Identification Mark | Grade of Concrete | Date of Casting | Date of Trsting | Dimension of Specification | Cross sectional area | Weight of the sample | Failure Load | Compressive Strength | Average Compressive Strength |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | Sq.mm | kg | KN | $N/mm^2$ | $N/mm^2$ |
| 1 | C.C Road | M30 | 19-12-2020 | 16-01-2021 | 150x150x150 | 22500 | 8.4 | 699 | 31.1 | 31.06 |
| 2 | C.C Road | M30 | 19-12-2020 | 16-01-2021 | 150x150x150 | 22500 | 8.55 | 689 | 30.6 | |
| 3 | C.C Road | M30 | 19-12-2020 | 16-01-2021 | 150x150x150 | 22500 | 8.61 | 708 | 31.5 | |

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## Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.8) | Date: 27-01-2021

**Name of Work : Comprehensive Development works in ward No. 03 Attur**

| | |
|---|---|
| Client | Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru. |
| Contractor | B.B Umesh (S.M.L.P Asphats) |
| Customer Reference | EE(PROJECT)/YNK ZONE/WO/173/2019-20 |
| Source of Sample | Sample supplied by Agency |
| Sample Condition | Satisfactory |
| Date of Reciept | 29-12-2020 |
| Sample Type | C.C Road Top Layer |
| Sample Type/Size | 150x150x150 mm |
| Sample Grade/ Age | M30/ 29 Days Compressive Strength |
| Date of Test | 27-01-2021 |
| Location | |

| Sl No. | Identification Mark | Grade of Concrete | Date of Casting | Date of Trsting | Dimension of Specification | Cross sectional area | Weight of the sample | Failure Load | Compressive Strength | Average Compressive Strength |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | Sq.mm | kg | KN | N/mm² | N/mm² |
| 1 | C.C Road | M30 | 29-12-2020 | 27-01-2021 | 150x150x150 | 22500 | 8.8 | 718 | 31.9 | 31.77 |
| 2 | C.C Road | M30 | 29-12-2020 | 27-01-2021 | 150x150x150 | 22500 | 8.65 | 711 | 31.6 | |
| 3 | C.C Road | M30 | 29-12-2020 | 27-01-2021 | 150x150x150 | 22500 | 9.01 | 715 | 31.8 | |

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## Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5)

Date: 27-01-2021

**Name of Work : Comprehensive Development works in ward No. 03 Attur**

| | |
|---|---|
| Client | Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru. |
| Contractor | B.B Umesh (S.M.L.P Asphats) |
| Customer Reference | EE(PROJECT)/YNK ZONE/WO/173/2019-20 |
| Source of Sample | Sample supplied by Agency |
| Sample Condition | Satisfactory |
| Date of Reciept | 29-12-2020 |
| Sample Type | C.C Road Top Layer |
| Sample Type/Size | 150x150x150 mm |
| Sample Grade/ Age | M30/ 29 Days Compressive Strength |
| Date of Test | 27-01-2021 |
| Location | |

| Sl No. | Identification Mark | Grade of Concrete | Date of Casting | Date of Trsting | Dimension of Specification | Cross sectional area | Weight of the sample | Failure Load | Compressive Strength | Average Compressive Strength |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | Sq.mm | kg | KN | $N/mm^2$ | $N/mm^2$ |
| 1 | C.C Road | M30 | 29-12-2020 | 27-01-2021 | 150x150x150 | 22500 | 8.75 | 713 | 31.7 | 31.54 |
| 2 | C.C Road | M30 | 29-12-2020 | 27-01-2021 | 150x150x150 | 22500 | 8.6 | 706 | 31.4 | |
| 3 | C.C Road | M30 | 29-12-2020 | 27-01-2021 | 150x150x150 | 22500 | 8.96 | 710 | 31.5 | |

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## Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete G1.5)

Date: 27-01-2021

**Name of Work : Comprehensive Development works in ward No. 03 Attur**

| | |
|---|---|
| Client | Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru. |
| Contractor | B.B Umesh (S.M.L.P Asphats) |
| Customer Reference | EE(PROJECT)/YNK ZONE/WO/173/2019-20 |
| Source of Sample | Sample supplied by Agency |
| Sample Condition | Satisfactory |
| Date of Reciept | 29-12-2020 |
| Sample Type | C.C Road Top Layer |
| Sample Type/Size | 150x150x150 mm |
| Sample Grade/ Age | M30/ 29 Days Compressive Strength |
| Date of Test | 27-01-2021 |
| Location | |

| Sl No. | Identification Mark | Grade of Concrete | Date of Casting | Date of Trsting | Dimension of Specification | Cross sectional area | Weight of the sample | Failure Load | Compressive Strength | Average Compressive Strength |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | Sq.mm | kg | KN | $N/mm^2$ | $N/mm^2$ |
| 1 | C.C Road | M30 | 29-12-2020 | 27-01-2021 | 150x150x150 | 22500 | 8.72 | 710 | 31.6 | 31.41 |
| 2 | C.C Road | M30 | 29-12-2020 | 27-01-2021 | 150x150x150 | 22500 | 8.57 | 703 | 31.3 | |
| 3 | C.C Road | M30 | 29-12-2020 | 27-01-2021 | 150x150x150 | 22500 | 8.93 | 707 | 31.4 | |

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## Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5) | Date: 05-01-2021

## Name of Work : Comprehensive Development works in ward No. 03 Attur

| | |
|---|---|
| Client | Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru. |
| Contractor | B.B Umesh (S.M.L.P Asphats) |
| Customer Reference | EE(PROJECT)/YNK ZONE/WO/173/2019-20 |
| Source of Sample | Sample supplied by Agency |
| Sample Condition | Satisfactory |
| Date of Reciept | 29-12-2020 |
| Sample Type | C.C Road Top Layer |
| Sample Type/Size | 150x150x150 mm |
| Sample Grade/ Age | M30/ 29 Days Compressive Strength |
| Date of Test | 05-01-2021 |
| Location | |

| Sl No. | Identification Mark | Grade of Concrete | Date of Casting | Date of Trsting | Dimension of Specification | Cross sectional area | Weight of the sample | Failure Load | Compressive Strength | Average Compressive Strength |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | Sq.mm | kg | KN | N/mm² | N/mm² |
| 1 | C.C Road | M30 | 29-12-2020 | 05-01-2021 | 150x150x150 | 22500 | 8.7 | 707 | 31.4 | 31.28 |
| 2 | C.C Road | M30 | 29-12-2020 | 05-01-2021 | 150x150x150 | 22500 | 8.55 | 700 | 31.1 | |
| 3 | C.C Road | M30 | 29-12-2020 | 05-01-2021 | 150x150x150 | 22500 | 8.91 | 704 | 31.3 | |

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## Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5)

Date: 27-01-2021

**Name of Work : Comprehensive Development works in ward No. 03 Attur**

| | |
|---|---|
| Client | Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru. |
| Contractor | B.B Umesh (S.M.L.P Asphats) |
| Customer Reference | EE(PROJECT)/YNK ZONE/WO/173/2019-20 |
| Source of Sample | Sample supplied by Agency |
| Sample Condition | Satisfactory |
| Date of Reciept | 29-12-2020 |
| Sample Type | C.C Road Top Layer |
| Sample Type/Size | 150x150x150 mm |
| Sample Grade/ Age | M30/ 29 Days Compressive Strength |
| Date of Test | 27-01-2021 |
| Location | |

| Sl No. | Identification Mark | Grade of Concrete | Date of Casting | Date of Trsting | Dimension of Specification | Cross sectional area | Weight of the sample | Failure Load | Compressive Strength | Average Compressive Strength |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | Sq.mm | kg | KN | N/mm$^2$ | N/mm$^2$ |
| 1 | C.C Road | M30 | 29-12-2020 | 27-01-2021 | 150x150x150 | 22500 | 8.69 | 705 | 31.3 | 31.19 |
| 2 | C.C Road | M30 | 29-12-2020 | 27-01-2021 | 150x150x150 | 22500 | 8.54 | 698 | 31.0 | |
| 3 | C.C Road | M30 | 29-12-2020 | 27-01-2021 | 150x150x150 | 22500 | 8.9 | 702 | 31.2 | |

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## Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5) — Date: 27-01-2021

**Name of Work : Comprehensive Development works in ward No. 03 Attur**

| | |
|---|---|
| Client | Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru. |
| Contractor | B.B Umesh (S.M.L.P Asphats) |
| Customer Reference | EE(PROJECT)/YNK ZONE/WO/173/2019-20 |
| Source of Sample | Sample supplied by Agency |
| Sample Condition | Satisfactory |
| Date of Reciept | 29-12-2020 |
| Sample Type | C.C Road Top Layer |
| Sample Type/Size | 150x150x150 mm |
| Sample Grade/ Age | M30/ 29 Days Compressive Strength |
| Date of Test | 27-01-2021 |
| Location | |

| Sl No. | Identification Mark | Grade of Concrete | Date of Casting | Date of Trsting | Dimension of Specification | Cross sectional area | Weight of the sample | Failure Load | Compressive Strength | Average Compressive Strength |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | Sq.mm | kg | KN | N/mm² | N/mm² |
| 1 | C.C Road | M30 | 29-12-2020 | 27-01-2021 | 150x150x150 | 22500 | 8.65 | 702 | 31.2 | 31.06 |
| 2 | C.C Road | M30 | 29-12-2020 | 27-01-2021 | 150x150x150 | 22500 | 8.5 | 695 | 30.9 | |
| 3 | C.C Road | M30 | 29-12-2020 | 27-01-2021 | 150x150x150 | 22500 | 8.66 | 699 | 31.1 | |

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## Test Report of Cement Concrete Cubes

### IS: 516-1959 (Method of tests for strength of Concrete C1.5)

### Name of Work : Comprehensive Development works in ward No. 03 Attur

| | |
|---|---|
| Client | Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru. |
| Contractor | B.B Umesh (S.M.L.P Asphats) |
| Customer Reference | EE(PROJECT)/YNK ZONE/WO/173/2019-20 |
| Source of Sample | Sample supplied by Agency |
| Sample Condition | Satisfactory |
| Date of Reciept | 05-01-2021 |
| Sample Type | C.C Road Top Layer |
| Sample Type/Size | 150x150x150 mm |
| Sample Grade/ Age | M30/ 28 Days Compressive Strength |
| Date of Test | 02-02-2021 |
| Location | |

| Sl No. | Identification Mark | Grade of Concrete | Date of Casting | Date of Trsting | Dimension of Specification | Cross sectional area | Weight of the sample | Failure Load | Compressive Strength | Average Compressive Strength |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | Sq.mm | kg | KN | $N/mm^2$ | $N/mm^2$ |
| 1 | C.C Road | M30 | 05-01-2021 | 02-02-2021 | 150x150x150 | 22500 | 8.86 | 708 | 31.5 | 31.32 |
| 2 | C.C Road | M30 | 05-01-2021 | 02-02-2021 | 150x150x150 | 22500 | 8.71 | 701 | 31.2 | |
| 3 | C.C Road | M30 | 05-01-2021 | 02-02-2021 | 150x150x150 | 22500 | 9.07 | 705 | 31.3 | |

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# AARTN ASSOCIATES

*The Modern Construction Solutions*

#1059, MIG-A Sector, Opp. Railwheel Factory,
Yelahanka New Town, Bangalore - 64
Ph : 8048505503 | Email : aartnassociates@gmail.com


## Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5)

Name of Work : Comprehensive Development works in ward No. 03 Attur

| | |
|---|---|
| Client | Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru. |
| Contractor | B.B Umesh (S.M.L.P Asphats) |
| Customer Reference | EE(PROJECT)/YNK ZONE/WO/173/2019-20 |
| Source of Sample | Sample supplied by Agency |
| Sample Condition | Satisfactory |
| Date of Reciept | 05-01-2021 |
| Sample Type | C.C Road Top Layer |
| Sample Type/Size | 150x150x150 mm |
| Sample Grade/ Age | M30/ 28 Days Compressive Strength |
| Date of Test | 02-02-2021 |
| Location | |

| Sl No. | Identification Mark | Grade of Concrete | Date of Casting | Date of Trsting | Dimension of Specification | Cross sectional area | Weight of the sample | Failure Load | Compressive Strength | Average Compressive Strength |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | Sq.mm | kg | KN | $N/mm^2$ | $N/mm^2$ |
| 1 | C.C Road | M30 | 05-01-2021 | 02-02-2021 | 150x150x150 | 22500 | 8.86 | 708 | 31.5 | 31.32 |
| 2 | C.C Road | M30 | 05-01-2021 | 02-02-2021 | 150x150x150 | 22500 | 8.71 | 701 | 31.2 | |
| 3 | C.C Road | M30 | 05-01-2021 | 02-02-2021 | 150x150x150 | 22500 | 9.07 | 705 | 31.3 | |

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| Contractor | B.B Umesh (S.M.L.P Asphats) |
| Customer Reference | EE(PROJECT)/YNK ZONE/WO/173/2019-20 |
| Source of Sample | Sample supplied by Agency |
| Sample Condition | Satisfactory |
| Date of Reciept | 05-01-2021 |
| Sample Type | C.C Road Top Layer |
| Sample Type/Size | 150x150x150 mm |
| Sample Grade/ Age | M30/ 28 Days Compressive Strength |
| Date of Test | 02-02-2021 |
| Location | |

| Sl No. | Identification Mark | Grade of Concrete | Date of Casting | Date of Trsting | Dimension of Specification | Cross sectional area | Weight of the sample | Failure Load | Compressive Strength | Average Compressive Strength |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | Sq.mm | kg | KN | $N/mm^2$ | $N/mm^2$ |
| 1 | C.C Road | M30 | 05-01-2021 | 02-02-2021 | 150x150x150 | 22500 | 8.76 | 711 | 31.6 | 31.46 |
| 2 | C.C Road | M30 | 05-01-2021 | 02-02-2021 | 150x150x150 | 22500 | 8.61 | 704 | 31.3 | |
| 3 | C.C Road | M30 | 05-01-2021 | 02-02-2021 | 150x150x150 | 22500 | 8.97 | 708 | 31.5 | |

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## Test Report of Cement Concrete Cubes

### IS: 516-1959 (Method of tests for strength of Concrete C1.5)

### Name of Work : Comprehensive Development works in ward No. 03 Attur

| | |
|---|---|
| Client | Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru. |
| Contractor | B.B Umesh (S.M.L.P Asphats) |
| Customer Reference | EE(PROJECT)/YNK ZONE/WO/173/2019-20 |
| Source of Sample | Sample supplied by Agency |
| Sample Condition | Satisfactory |
| Date of Reciept | 05-01-2021 |
| Sample Type | C.C Road Top Layer |
| Sample Type/Size | 150x150x150 mm |
| Sample Grade/ Age | M30/ 28 Days Compressive Strength |
| Date of Test | 02-02-2021 |
| Location | |

| Sl No. | Identification Mark | Grade of Concrete | Date of Casting | Date of Trsting | Dimension of Specification | Cross sectional area | Weight of the sample | Failure Load | Compressive Strength | Average Compressive Strength |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | Sq.mm | kg | KN | $N/mm^2$ | $N/mm^2$ |
| 1 | C.C Road | M30 | 05-01-2021 | 02-02-2021 | 150x150x150 | 22500 | 8.8 | 716 | 31.8 | 31.68 |
| 2 | C.C Road | M30 | 05-01-2021 | 02-02-2021 | 150x150x150 | 22500 | 8.65 | 709 | 31.5 | |
| 3 | C.C Road | M30 | 05-01-2021 | 02-02-2021 | 150x150x150 | 22500 | 9.01 | 713 | 31.7 | |

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## Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5)

Name of Work : Comprehensive Development works in ward No. 03 Attur

| | |
|---|---|
| Client | Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru. |
| Contractor | B.B Umesh (S.M.L.P Asphats) |
| Customer Reference | EE(PROJECT)/YNK ZONE/WO/173/2019-20 |
| Source of Sample | Sample supplied by Agency |
| Sample Condition | Satisfactory |
| Date of Reciept | 05-01-2021 |
| Sample Type | C.C Road Top Layer |
| Sample Type/Size | 150x150x150 mm |
| Sample Grade/ Age | M30/ 28 Days Compressive Strength |
| Date of Test | 02-02-2021 |
| Location | |

| Sl No. | Identification Mark | Grade of Concrete | Date of Casting | Date of Trsting | Dimension of Specification | Cross sectional area | Weight of the sample | Failure Load | Compressive Strength | Average Compressive Strength |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | Sq.mm | kg | KN | $N/mm^2$ | $N/mm^2$ |
| 1 | C.C Road | M30 | 05-01-2021 | 02-02-2021 | 150x150x150 | 22500 | 8.86 | 720 | 32.0 | 31.86 |
| 2 | C.C Road | M30 | 05-01-2021 | 02-02-2021 | 150x150x150 | 22500 | 8.71 | 713 | 31.7 | |
| 3 | C.C Road | M30 | 05-01-2021 | 02-02-2021 | 150x150x150 | 22500 | 9.07 | 717 | 31.9 | |

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## Test Report of Cement Concrete Cubes

### IS: 516-1959 (Method of tests for strength of Concrete C1.5)

### Name of Work : Comprehensive Development works in ward No. 03 Attur

| | |
|---|---|
| Client | Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru. |
| Contractor | B.B Umesh (S.M.L.P Asphats) |
| Customer Reference | EE(PROJECT)/YNK ZONE/WO/173/2019-20 |
| Source of Sample | Sample supplied by Agency |
| Sample Condition | Satisfactory |
| Date of Reciept | 05-01-2021 |
| Sample Type | C.C Road Top Layer |
| Sample Type/Size | 150x150x150 mm |
| Sample Grade/ Age | M30/ 28 Days Compressive Strength |
| Date of Test | 02-02-2021 |
| Location | |

| Sl No. | Identification Mark | Grade of Concrete | Date of Casting | Date of Trsting | Dimension of Specification | Cross sectional area | Weight of the sample | Failure Load | Compressive Strength | Average Compressive Strength |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | Sq.mm | kg | KN | N/mm$^2$ | N/mm$^2$ |
| 1 | C.C Road | M30 | 05-01-2021 | 02-02-2021 | 150x150x150 | 22500 | 8.82 | 715 | 31.8 | 31.63 |
| 2 | C.C Road | M30 | 05-01-2021 | 02-02-2021 | 150x150x150 | 22500 | 8.67 | 708 | 31.5 | |
| 3 | C.C Road | M30 | 05-01-2021 | 02-02-2021 | 150x150x150 | 22500 | 9.03 | 712 | 31.6 | |

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## Test Report of Cement Concrete Cubes

### IS: 516-1959 (Method of tests for strength of Concrete C1.5)

### Name of Work : Comprehensive Development works in ward No. 03 Attur

| | |
|---|---|
| Client | Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru. |
| Contractor | B.B Umesh (S.M.L.P Asphats) |
| Customer Reference | EE(PROJECT)/YNK ZONE/WO/173/2019-20 |
| Source of Sample | Sample supplied by Agency |
| Sample Condition | Satisfactory |
| Date of Reciept | 05-01-2021 |
| Sample Type | C.C Road Top Layer |
| Sample Type/Size | 150x150x150 mm |
| Sample Grade/ Age | M30/ 28 Days Compressive Strength |
| Date of Test | 02-02-2021 |
| Location | |

| Sl No. | Identification Mark | Grade of Concrete | Date of Casting | Date of Trsting | Dimension of Specification | Cross sectional area | Weight of the sample | Failure Load | Compressive Strength | Average Compressive Strength |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | mm | Sq.mm | kg | KN | $N/mm^2$ | $N/mm^2$ |
| 1 | C.C Road | M30 | 05-01-2021 | 02-02-2021 | 150x150x150 | 22500 | 8.8 | 718 | 31.9 | 31.77 |
| 2 | C.C Road | M30 | 05-01-2021 | 02-02-2021 | 150x150x150 | 22500 | 8.65 | 711 | 31.6 | |
| 3 | C.C Road | M30 | 05-01-2021 | 02-02-2021 | 150x150x150 | 22500 | 9.01 | 715 | 31.8 | |

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